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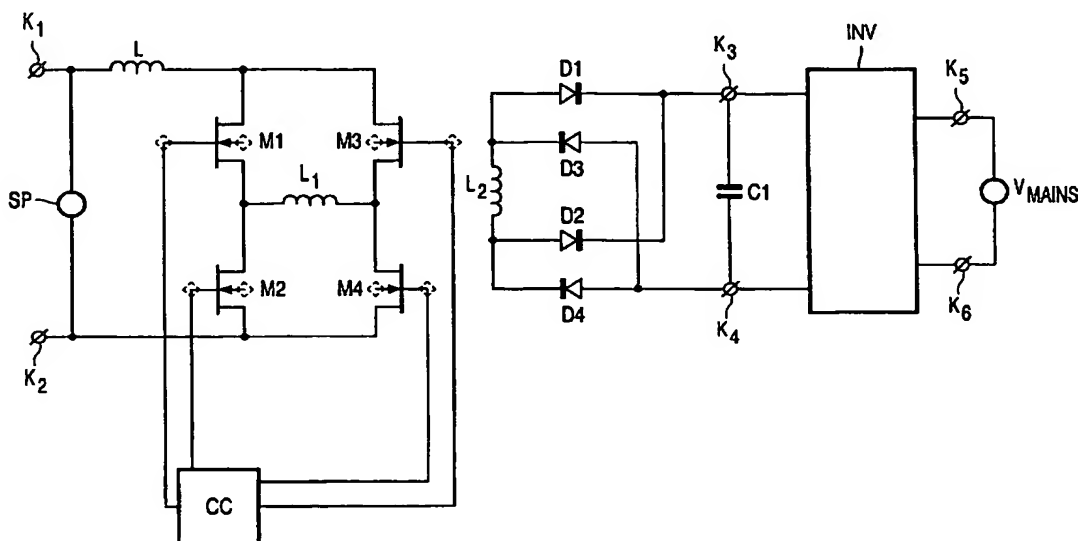
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(54) Title: DC-DC-CONVERTER



(57) Abstract: In a solar power system a boost converter is used comprising a choke and a transformer. Alternately the choke is boosted in a first time interval while power transfer is taking place in a second time interval by means of the transformer. When the input voltage supplied by a solar panel is increased the first time interval is decreased while the second time interval is increased. As a result the boost converter can handle a wide range of input voltages.

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## INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H02M3/335

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 761 722 A (PRUITT) 2 August 1988 (1988-08-02) column 2, line 60 -column 11, line 38; figures 1-8	1-6
Y	DE 38 08 433 C (ANT NACHRICHTENTECHNIK GMBH) 3 May 1989 (1989-05-03) column 2, line 14 -column 3, line 56; figures 1,2	1-4,6
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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